

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	MAIL STOP PATENT APPLICATION
)	
Xuelu ZOU)	Group Art Unit: Unassigned
)	
Divisional of Application No.: 09/610,687)	Examiner: Unassigned
)	
Filed: July 3, 2003)	Confirmation No.: Unassigned
)	
For: SUBSTRATE FOR INFORMATION)	
RECORDING MEDIUM AND)	
MAGNETIC RECODING MEDIUM)	
COMPOSED OF CRYSTALLIZED)	
GLASS)	

FIRST
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

All of the listed documents were previously made of record in prior Application Serial No. 09/610,687, filed July 7, 2000, upon which applicant relies for the benefits provided in 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98, a copy of each of the listed documents, except those documents which were previously made of record in the prior application, is enclosed.

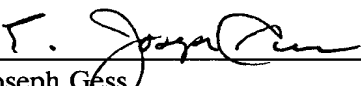
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since the documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: July 3, 2003

By: 
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Substitute for form 1449A/PTO	ATTORNEY'S DKT NO. 024705-121	APPLICATION NO. Div. of 09/610,687
	APPLICANT Xuelu ZOU	
	FILING DATE July 3, 2003	GROUP Unassigned
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	6,429,160		NAKAJIMA et al	08/06/2002
	6,344,423	B2	GOTO et al	02/05/2002
	6,294,490		ZOU et al	09/2001
	6,245,411	B1	GOTO et al	06/12/2001
	6,124,223	A	BEALL et al	09/26/2000
	5,763,059		YAMAGUCHI et al.	06/09/1998
	5,532,194	A	KAWASHIMA et al	07/02/1996
	5,491,116		BEALL et al.	02/13/1996
	5,476,821	A	BEALL et al	12/19/1995
	2,516,553		COLE	07/25/1950
	02/0032113	A1	NAKAJIMA et al	03/14/2002

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	127 795		GERMANY	10/12/1977		X
	2 172 282		UNITED KINGDOM	09/17/1986		
	0 265 045		EUROPE	04/27/1988		
	0 289 943		EUROPE	11/09/1988		
	1 057 794		EUROPE	12/06/2000		
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	291660/95		JAPAN	11/07/1995		
	9-77531/97		JAPAN	03/25/1997		
	2648673		JAPAN	05/16/1997		
	11278864		JAPAN	10/12/1999		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	Hideki, O., Patent Abstracts of Japan, Vol. 1995, no. 5 (June 30, 1995).		
	Tetsuo, M., Patent Abstracts of Japan, Vol. 2000, no. 1 (January 31, 2000).		
	Gakuroku, S., Patent Abstracts of Japan, Vol. 2000, no. 2 (February 29, 2000).		
	Koji, A., Patent Abstracts of Japan, Vol. 2000, no. 9 (October 13, 2000).		
	Pinckney, L. R. et al., "Nanocrystalline non-alkali glass-ceramics", Journal of Non-Crystalline Solids 219 (1997) pp. 219-227.		
	VOGEL, Heindenreich E., et al., "High Mechanical Strength Glass Ceramics Containing Titanium Dioxide", German Patent Document No. 127 795, Published October 12, 1977, pages 1-14. (English Language Translation)		
Examiner Signature			Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.